Prophesy Mobile Comm
Reference Manual

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Prophesy Mobile Comm
Reference Manual
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CHAPTER 1 1

INTRODUCTION 1
How Mobile Comm Works for You *1*
What Makes it Tick? *2*

CHAPTER 2 5

USING THIS GUIDE 5
Purpose *5*
Audience *5*
Organization *5*
Product Support *5*

CHAPTER 3 7

SETTING UP PROPHESY MOBILE COMM 7
Purchasing a Phone and Plan *7*
Mobile Comm Installation *7*
First Time Startup *9*
Updating Prophesy Mobile Comm *10*
Deinstalling Prophesy Mobile Comm *11*
Auto-Launching the Prophesy Application *11*
Setting a GPS PIN Code *12*

CHAPTER 4 13

LOOKING AROUND 13
Prophesy Tracker *13*
Prophesy TrackerPLUS and TrackerDispatch *14*
Scrolling Indicator *20*

CHAPTER 5 25

USING PROPHESY MOBILE COMM 25
Connection Configuration *25*
Starting the Prophesy Application *26*
Receiving Information on the Phone *31*
Entering Information on the Phone *34*
Sending Information from the Phone *36*
Initiating and Receiving Phone Calls on the Phone *38*

CHAPTER 1

Introduction

Welcome and thank you for choosing Prophesy Mobile Comm! Your new mobile communications tracking system will help you manage your fleet more efficiently, reduce operating costs, and maximize profits.

Prophesy Mobile Comm is currently available in three product levels. We invite you to select the level that will best meet the needs of your unique trucking operation:

- **Prophesy Tracker** – Track a mobile asset or mobile workforce
- **Prophesy TrackerPLUS** – Itinerary based tracking combines actual location interaction with schedule
- **Prophesy TrackerDispatch** – Our top-level solution connecting mobile communications with full enterprise dispatch and compliance trucking software

All products offer next-generation mobile communications technology driven by cutting edge transportation software. To learn more about our products please contact us at 1-800-776-6706.

This chapter introduces you to the Mobile Comm application by describing:

- How Mobile Comm Works For You
- What Makes It Tick

How Mobile Comm Works for You

Track your fleet in real time:

- Track your vehicles in real time
- Integrate all information about vehicles existing schedule with actual location information captured from the phone (TrackerPLUS and TrackerDispatch only)
- Automatically update and adjust ETAs (TrackerPLUS and TrackerDispatch only)
- View your vehicles' location with state-of-the-art mapping technology

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- Configure polling frequency, buffer size and other data transmission settings

Send Load and other Critical Information to your Drivers:

- Send detailed Load information and instructions including Customer, City, State, Driving Directions, Scheduled Arrival and Departure times, Reference Numbers, Goods Quantities, Seal Number and more (TrackerPLUS and TrackerDispatch only)
- Identify Pickups and Drops for both Goods and Trailers (TrackerPLUS and TrackerDispatch only)
- Send important text messages

Automatically Receive, Update, and Adjust Trip and other Critical Information from your Drivers (TrackerPLUS and TrackerDispatch only)**:**

- Actual Arrival and Departure Times
- BOL & POD
- Actual Goods Quantities (Pieces, Pallets, Weight, and more)

Integration and "Ease of Use":

- Integrates with Prophesy Dispatch and Prophesy TrackerPLUS

What Makes it Tick?

A highly robust and reliable client-server architecture tuned for maximum performance.

Software

- Cutting edge transportation software from Prophesy
- Easy-to-use, intuitive interface design
- Next-generation mobile communication OS

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Hardware

- Rugged, easy to use, high quality cellular phones and data terminals built to last
- Modern, scalable, multi-processor server network
- RAID fail-safe protection

These powerful features combine to create the most comprehensive and affordable Dispatch-to-Mobile Comm solutions available on the market today.

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CHAPTER 2

Using This Guide

Purpose

The purpose of this guide is to help you get the most out of your Prophesy Mobile Comm system by familiarizing you with its many features and options.

Audience

This guide accompanies software that is designed for individuals who work with fleet tracking and dispatching in small, medium, or large business environments. It assumes that you have a basic familiarity with a personal computer, cellular phone, and Microsoft Windows®.

Organization

The information in this guide is divided into 5 chapters:

Chapter 1: Introduction describes Mobile Comm, how it works, and how it can benefit your business.

Chapter 2: Using this Guide outlines the guide and explains the conventions used within.

Chapter 3: Setting Up Prophesy Mobile Comm describes how to obtain the mobile communication device, install the software, and start it for the first time.

Chapter 4: Looking Around takes you on a guided tour through Mobile Comm's display screens on the phone.

Chapter 5: Using Prophesy Mobile Comm describes configuring and starting the application for the first time, receiving and entering information on the phone, sending information from the phone, and initiating and receiving phone calls while running the application.

Product Support

If you have questions using Prophesy Mobile Comm, check this guide, or use the available online help. If you need further assistance, contact technical support at 1-800-776-6707.

When you call, please have Mobile Comm running on your PC and phone and have this guide on hand. Be ready to provide the following information so our technical support team will be able to give you the most accurate help:

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- The serial number from your Mobile Comm installation disc sleeve or case
- A description of your problem
- The model number of the phone you are using
- The version of Windows you are using on your PC

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CHAPTER 3

Setting up Prophesy Mobile Comm

This chapter describes how to obtain a mobile communication device, install your software on the device, and start it for the first time. Prophesy currently supports 3 cellular phones for its Mobile Comm solution – the Nextel® i58sr, i88 and i355 phones by Motorola®.

Purchasing a Phone and Plan

1. If you have not already done so, purchase the Nextel® i58sr, i88 or i355 phones by Motorola® at any Nextel® distributor or local outlet in your area. Or, order directly from www.Nextel.com. The i58sr is a rugged version of the i88s – otherwise identical in features and functionality
2. Call Nextel® at 800-639-6111 and add a data plan to your service. Your phone will need this data plan to transmit data from the phone back to the dispatcher. Nextel® currently offers an Unlimited Data Access plan at $10.00 per month per phone.

Mobile Comm Installation

Depending on which Prophesy Mobile Comm product you purchase, installation may require you to install software on both your PC and phone. This section describes the steps for installing Mobile Comm on your phone. For a description of the steps for installing Mobile Comm on your PC, refer to the documentation that came with your Prophesy software.

Installing Mobile Comm on Your Phone

There are several steps you must follow closely in order to install Prophesy Mobile Comm on your phone.

*Note: The Prophesy application requires 113 Kilobytes of available Program Space and 15 Kilobytes of available Data Space on the phone.

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▶ **To install Mobile Comm on your Phone:**

1. Complete the Handset Registration form (attached at the end of this user manual) and return it to your Prophesy sales representative (if convenient, copy the form and email it). You will need your Nextel® account BAN (Billing Account Number), 10-digit phone number for each handset, and the firmware version for each handset (refer to the form for details). If you need assistance contact your Prophesy sales representative.

2. After you complete and return the registration form to your Prophesy sales representative, Prophesy will create the necessary accounts for your company and return the registration form to you with all necessary information including your logon, user names and passwords, user manuals, and other documentation you'll need to complete the registration process.

3. After your sales representative returns the registration form to you and confirms that your Mobile Comm accounts have been activated, you can download the Prophesy Mobile Comm application to your handsets.

Downloading the Prophesy Mobile Comm Application to the Phone

*Note: The Prophesy application requires 113 Kilobytes of available Program Space and 15 Kilobytes of available Data Space on the phone.

▶ **To download the Prophesy Mobile Comm application to your phone:**

1. On the handset, from the Nextel® main menu, press the MENU button located between the left and right soft keys.
2. Scroll to and SELECT "Java Apps".
3. Scroll to and SELECT "Download Apps".
4. If this is the first time you are using Download Apps, it must run a self-install before you can download the Prophesy Mobile Comm application. Follow the instructions to install Download Apps and when finished installing, highlight Download Apps and press the RUN button.
5. The Download Apps program will establish a connection with the download site. If this is the first time you are downloading the Prophesy Mobile Comm application to this phone, scroll to and SELECT "New Purchases". If 2nd or later time, scroll to and SELECT "Re-Downloads".
6. Scroll to and SELECT the Prophesy application ("Prophesy").
7. After the phone gathers initial information about the application (a few seconds), press GET IT. The phone will download the application (with a good signal this usually takes no longer than 30 seconds and usually is much quicker).
8. After application is downloaded to phone, press EXIT.
9. You are now returned to the "Java Apps" menu. Scroll down to and highlight the new Prophesy application. Press INSTALL. The application will install on the phone (usually takes about 20 seconds).

10. When the application has finished installing, press DONE. The application is now installed on the phone.

First Time Startup

First time Startup on Your Phone

There are several steps you must follow to run Prophesy Mobile Comm for the first time.

*Note: The Prophesy application requires 113 Kilobytes of available Program Space and 15 Kilobytes of available Data Space on the phone.

▶ **To start the Mobile Comm application on your phone for the first time:**

1. Confirm that you have a good Cell Phone and IP signal by looking at the signal bar located at the top left portion of the screen.
2. Navigate to the Prophesy application (From the Nextel® main menu, press the MENU button located between the left and right soft keys)
3. Scroll down to and SELECT "Java Apps".
4. Scroll down to the Prophesy application and press RUN.
   Press CHANGE and enter your 10-digit Nextel® phone number. Press SAVE.
5. Scroll down to "Auth Code" and press CHANGE. Enter the Auth Code assigned to this phone by Prophesy. Press SAVE.
6. Scroll to and SELECT "Register".
7. You will notice on the Phone's Screen the Registration Process occurring, and once it's complete, your phone is ready to use.
8. When the phone prompts you if you would like to grant permission to obtain GPS, select YES, and when subsequently prompted, select ALWAYS. This will allow the Prophesy application to collect GPS data without having to request permission each time. Press RESUME to resume the Prophesy application.

If you have entered your "Phone" and "Auth Code" correctly, the application will register with the server and log on.

If you are out of range of cellular service when you attempt to register the phone at startup, the application will start in an "offline" mode and allow you to access previously stored information from the phone. Until the phone is in range of cellular service, the phone will retry every 5 minutes to establish a connection with the server until successful.

*** Note that while you are working offline, the phone continues to gather GPS information and then stores and forwards the information to the Dispatcher as soon as the phone is in range of cellular service.**

* **Make sure your phone stays charged at all times and place the handset in a safe area where it is likely to obtain a strong cellular signal – on the dashboard of the vehicle, for example, or in a handset cradle mounted in the interior of the vehicle.**

Updating Prophesy Mobile Comm

There may be times when you will need to update the Prophesy Mobile Comm application to a newer version.

Updating Prophesy Mobile Comm

If you are unsure if you should update the Prophesy Mobile Comm application on your handset, contact your Prophesy sales representative first.

*Note: The Prophesy application requires 113 Kilobytes of available Program Space and 15 Kilobytes of available Data Space on the phone.

▶ **To update the Prophesy Mobile Comm application from your phone:**

1. From the Nextel® main menu, press the MENU button located between the left and right soft keys.
2. Scroll down to and SELECT "Java Apps".
3. Scroll down to and SELECT "Download Apps".
4. The Download Apps program will establish a connection with the download site. If this is the first time you are downloading the new version of the Prophesy Mobile Comm application to this phone, scroll to and SELECT "New Purchases". If 2nd or later time, scroll to and SELECT "Re-Downloads".
5. Scroll to and SELECT the Prophesy application ("Prophesy").
6. After the phone gathers initial information about the application (a few seconds), press GET IT. The phone will download the application (with a good signal this usually takes no longer than 30 seconds and usually is much quicker).
7. After application is downloaded to phone, press EXIT.
8. You are now returned to the "Java Apps" menu. Scroll down to and highlight the new Prophesy application. Press the MENU button located between the left and right soft keys.
9. Scroll to and SELECT "Update".
10. Select OK when prompted about "…power loss destroying additional applications".
11. The new version will update the previous version (usually takes about 20 seconds).

12. When the application has finished installing, press DONE. The new version is now installed on the phone.

Deinstalling Prophesy Mobile Comm

There may be times when you will need to deinstall the Prophesy Mobile Comm application from your handset in order to upgrade the application to a newer version.

Deinstalling Prophesy Mobile Comm

If you are unsure if you should deinstall the Prophesy Mobile Comm application from your handset, contact your Prophesy sales representative first.

* Note: deinstalling Prophesy Mobile Comm from the phone removes all stored Load and GPS data from the phone's persistent storage. Before you deinstall the application, make sure that the driver no longer needs the Load information on his phone and that Prophesy Dispatch and/or the Prophesy Tracker Web application has received all updates from the phone.

▶ **To deinstall the Prophesy Mobile Comm application from your phone:**

1. From the Nextel® main menu, press the MENU button located between the left and right soft keys.
2. Scroll down to and SELECT "Java Apps".
3. Scroll down to the Application you want to deinstall (usually named "Prophesy").
4. Press the MENU button located between the left and right soft keys.
5. Scroll to and select "Deinstall".
6. Select "Yes" when prompted "…if you are sure you want to deinstall the application".
7. Select "Ok" when prompted about "…power loss destroying additional applications".
8. When the Prophesy Mobile Comm application has been deinstalled from the phone, press DONE.

Auto-Launching the Prophesy Application

The phone can be set up to auto-launch the Prophesy Mobile Comm application each time it powers on.

▶ **To set up the phone to auto-launch the Prophesy Mobile Comm application:**

1. From the Nextel main screen, press the MENU key.
2. Scroll down and SELECT on Settings.
3. Scroll down and SELECT on Personalize.

4. Scroll down and SELECT on Power Up App.
5. Press CHANGE.
6. If using a 3-digit handset model (i355), SELECT Prophesy for the power up app. If using a 2-digit handset model (i58, i88), SELECT Java Apps for the power up app.
7. Back your way out to the Nextel main menu.
8. That's it! The next time you power the phone on the Prophesy Mobile Comm application will auto-launch.

Setting a GPS PIN Code

The phone has a GPS Privacy setting that can either allow or disallow the Prophesy Mobile Comm application from obtaining a GPS fix. After setting the GPS Privacy setting you have the option of creating a GPS PIN code that will prevent other users from changing the setting.

▶ **To set up a GPS PIN on the phone:**

1. From the Nextel main screen, press the MENU key and scroll to and SELECT on Settings, and then scroll to and SELECT Security, and then scroll to and SELECT GPS PIN.
2. Make sure that it is checked off as 'On'. If it prompts you for a PIN before you can check it off as 'On', try entering 0000 (that's 4 zeros). That is the default Nextel PIN.
3. Then, from the Security screen, scroll to and SELECT on New Passwords. Scroll to and SELECT on GPS PIN. Enter in the Old GPS PIN - try 0000 if this is the first time you are changing the PIN. Then you will be prompted to enter a new GPS PIN. Enter the new 4-6 digit GPS PIN. Then you will be prompted to verify the new PIN.
4. When completed, back your way out to the Nextel main screen. Now press the MENU key, and scroll to and SELECT GPS. SELECT on Privacy. You will be prompted to enter your new GPS PIN before you can change the GPS Privacy settings. Change the GPS Privacy settings to 'Unrestricted' - if it is not set to "Unrestricted" already. After you set it to "Unrestricted", a check mark will appear before "Unrestricted".
5. Back your way out to the main Nextel screen, you are finished.

CHAPTER 4

Looking Around

This chapter will familiarize you with the basic menu options on the Prophesy Mobile Comm application running on the Nextel® handsets. It assumes that you have read the owner's manual for your cellular phone and are familiar with basic phone operation, menu navigation, and data input.

Prophesy Tracker

Major Push Buttons

The Prophesy Tracker application makes regular use of the 2 soft buttons located on either side of the device's MENU button (see figure 1). As you navigate through the Prophesy application you will notice that the labels located above the soft buttons change depending on which screen is displayed and which menu item is highlighted. The buttons are:

EXIT	Exits the Prophesy application.
SELECT	Selects the menu item highlighted on the display.
OK	Confirms the message or action displayed on the screen.
BACK	Displays the previous screen.

Menu Items

The Prophesy Mobile Comm application makes use of a Main menu and an Options menu.

Prophesy Menu

My Loads	Selecting My Loads brings you to the Load List screen that displays all of the loads that have been sent to the phone (TrackerPLUS and TrackerDispatch only).

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GPS Monitor Selecting GPS Monitor brings you to the GPS Monitor screen where you can observe the status of the phone as it obtains a GPS signal.

Options Menu

Menu Selecting Menu brings you to the Prophesy Menu.

Connect Selecting Connect sends all GPS data back to the server where it can be viewed.

Exit Exits the Prophesy application.

Show State Displays the internal state of the application – for Prophesy use.

Prophesy TrackerPLUS and TrackerDispatch

Major Push Buttons

The Prophesy TrackerPLUS and Prophesy TrackerDispatch applications make regular use of the 2 soft buttons located on either side of the device's MENU button (see figure 1). As you navigate through the Prophesy application you will notice that the labels located above the soft buttons change depending on which screen is displayed and which menu item is highlighted. The buttons are:

EXIT Exits the Prophesy application.

SELECT Selects the menu item highlighted on the display.

OK Confirms the message or action displayed on the screen.

BACK Displays the previous screen.

OPTIONS Displays the Options menu.

CHANGE Displays a screen that will provide the user with the ability to enter information.

MORE Displays a screen with the full contents of the highlighted menu item.

Menu Items

The Prophesy Mobile Comm application makes use of a Main menu and an Options menu.

Prophesy Menu

My Loads	Selecting My Loads brings you to the Load List screen that displays all of the loads that have been sent to the phone.
GPS Monitor	Selecting GPS Monitor brings you to the GPS Monitor screen where you can observe the status of the phone as it obtains a GPS signal.

Options Menu

Menu	Selecting Menu brings you to the Prophesy Menu.
Delete Load	Selecting Delete Load prompts and then deletes the load from the phone.
Connect	Selecting Connect sends all stored data (GPS and prompted entries) back to the Dispatch or client software on the PC.
Exit	Exits the Prophesy application.
Show State	Displays the internal state of the application – for Prophesy use.

Screens

Following is a detailed description of the screens and menu items displayed on the Prophesy application on your device.

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Prophesy Menu: Main menu for the application			
Menu Item Name:	Displays:	When Selected Displays:	Editable Field ?
My Loads		A list of all loads sent from dispatcher.	No
GPS Monitor		The status of phone as it obtains a GPS signal.	No

Load List screen: Displays the list of all loads sent from dispatcher			
Menu Item Name:	Displays:	When Selected Displays:	Editable Field ?
Load - Unopened	Unopened/Unread Loads	Opened Load w/Load details	No
Load - Opened	Load Order Number Load Number Company Name City, State Scheduled Arrival-Time	Details pertaining to the selected load including Stops and other detailed load information.	No

Trip Details screen: Displays Load Details and list of all Stops on the Load.			
Menu Item Name:	Displays:	When Selected Displays:	Editable Field ?
Load Details	The load number the details pertain to.	Details pertaining to the selected load.	No
Stop n	Stop Number Company Name City, State	Details pertaining to the selected Stop.	No

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Load Details screen: Displays Load Details for a given Load.			
Menu Item Name:	Displays:	When Selected Displays:	Editable Field ?
Instructions	Load Instructions.		No
Description	A Description of the Load.		No
Code	The Load Code.		No
Code Description	The Load Code Description		No
Seal Number	The Seal Number for the Load.		No
Actual Seal Number	The Actual Seal Number for the Load.	Editable field	Yes
Equip Code	The Equipment Code for the Load.		No

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Stop Details screen: Displays Stop Details for a given Trip.			
Menu Item Name:	Displays:	When Selected Displays:	Editable Field ?
Pickup/Drop	Displays whether this stop is a pickup, drop, or both.		No
Name	Company name.		No
Addr	Address of company.		No
CS	City and State of destination		No
SAr	The scheduled arrival time for the stop.		No
Act. Arrival	The actual arrival time for the stop.	Editable field	Yes
SDep	The scheduled departure time from the stop.		No
Act. Departure	The actual departure from the stop.	Editable field	Yes
POD	Proof of Delivery	Editable field	Yes
POD Notes	Proof of delivery notes.	Editable field	Yes
Shipper Ref	Shipper reference number		No
BOL	Bill of Lading	Editable field	Yes
Dir	Driving directions to the stop		No
Ph	The phone number at the stop		No
Fax	The fax number at the stop		No
Office Hours	The stop's office hours		No
Contact Persons	Names of contact people at the stop.		No
Status	The status of the stop		No
Desc	The description of goods on the stop		No
QTY	The quantity of goods described in the Desc field.		No
Actual Qty	The actual quantity of goods.	Editable field	Yes
Wgt	The weight of the goods		No
Act Weight	The actual weight of the goods	Editable field	Yes
Plts	The number of pallets		No
Act Plts	The actual number of pallets	Editable field	Yes
Pcs	The number of pieces		No
Act Pcs	The actual number of pieces	Editable field	Yes
Uqty	The user quantity		No
Actual UQty	The actual user quantity	Editable field	Yes

***Note that while all these fields can be made available most will not be used by the average trucking company.**

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Options screen: Displays common menu options			
Menu Item Name:	Displays:	When Selected Displays:	Editable Field ?
Menu		Main Prophesy Menu	No
Delete Load		Confirms and then will delete a load from the phone.	No
Connect		Forces device to connect and send stored data to server and dispatcher.	No
Exit		Confirms and then exits the Prophesy application.	No
Show State		Internal state of the application – for Prophesy use.	No

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Scrolling Indicator

Prophesy Mobile Comm applications make use of 2 soft buttons and horizontal, vertical, and arrowed lines to indicate scrolling position on the screen display. See figures 1, 2, 3 and 4 for details.

Figure 1.

Figure 2.

A horizontal line across the top of the display indicates that there are no more items to display above - you are at the top of the screen.
The down arrow indicates there are more items to display below.
MOTOROLA
Stop #1
Name:AAASUPPLY
Addr:203
HAYWOOD ROAD
CS:Groton, CT
BACK
menu

Figure 3.

A vertical line with arrow heads at both ends indicates that there are additional menu items to be displayed.

Figure 4.

A vertical line with an arrow pointing up indicates that there are additional menu items to be displayed above the menu items on the screen
A horizontal line across the bottom of the display indicates that there are no more items to display below - you are at the bottom of the screen
MOTOROLA
Desc: Gas Grills
Code: 4081
Seal#: 6114
Actual Seal#: ___
BACK
menu

CHAPTER 5

Using Prophesy Mobile Comm

This chapter describes the Prophesy Mobile Comm application running on the Motorola® i58sr, i88 and i355 phones. The i58sr is a rugged version of the i88s - otherwise identical in features and functionality.

Connection Configuration

The Prophesy Mobile Comm application interacts with the server and dispatcher based on configurable parameters set by your Mobile Comm administrator. Each time the Prophesy application is started it loads these configuration settings. There are 5 configuration settings controlled from your dispatch software or web application (See Below):

GPS obtain frequency (minutes)	2
GPS obtain frequency if stop detected (minutes)	5
Attempt to resend stored data every (minutes)	5
Min number of positions to send via one package	15
Min point to point distance (miles)	0.4
Max time with no connect (minutes)	40

GPS Obtain Frequency (minutes): The frequency at which the phone will poll for a new GPS position. The minimum number of minutes between positions is 1 minute.

GPS Obtain Frequency if Stop Detected (minutes): If a stop is detected, the phone will switch to using this parameter for the GPS obtain frequency interval. When the phone detects that the vehicle is moving again, it will revert to using the GPS Obtain Frequency parameter for polling frequency.

Frequency of Attempts to Resend Stored Data (minutes): If the phone attempts to send a transmission to the server and cellular network coverage is unavailable, it will attempt to resend the transmission at an interval equal to this parameter.

Minimum Number of Positions to Send Via One Package: The phone stores the chronology of GPS data it gathers in a buffer and then sends the data in a

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transmission to the dispatcher. This parameter insures that the device will only send the GPS data to the dispatcher after it has collected a number of positions/fixes equal to the value you enter in the field.

Minimum Point-to-Point Distance (miles): This parameter determines if a GPS position is considered a Stop, or part of a current Stop. For example, if the distance between 2 GPS positions is less than (x) miles, the second GPS position is considered to be Stopped – or part of a Stop. If the distance between 2 GPS positions is greater than (x) miles, the second GPS position is considered to be moving – or the First moving GPS after the Stop.

Maximum Time with No Connect (minutes): This parameter overrides the others and guarantees (provided there is cellular network coverage) that the phone will send all GPS and user-entered data to the dispatcher every (n) minutes. This parameter is helpful in situations where the GPS buffer size is large, and/or the vehicle is stopped and the phone would not send transmissions back to the dispatcher for extended periods of time.

Setting Interval Parameters

The Prophesy Mobile Comm application will check for new and/or updated information from the dispatcher at regular intervals. The interval period is set by your Mobile Comm administrator and can be easily changed.

▶ **To change the interval parameter:**

From the dispatch software running on your PC or web application, change the parameter(s) so the frequency of GPS polling and intervals between the phone and the dispatcher are suitable to your business operations.

Starting the Prophesy Application

Starting the Prophesy Mobile Comm Application on the Phone

This section outlines the steps required to start Prophesy Mobile Comm on your phone.

▶ **To start the Prophesy Mobile Comm application on your phone:**

1. Power on your phone. Press the MENU button, then scroll to and select **JAVA APPS**. Press SELECT.
2. Scroll to and select **Prophesy**. Press RUN. The Prophesy Mobile Comm application starts. If this is the first time you are stating the Prophesy application, you will need to enter a registration number and authorization code. To enter the registration number and authorization code:

a. Highlight **Phone** and Press CHANGE
b. Enter CAREFULLY the 10-digit Cell Phone number of this phone. Press SAVE
c. Highlight **AuthCode** and Press CHANGE
d. Enter CAREFULLY the 4-digit Auth Code assigned to this Phone number from Prophesy. Press SAVE
e. Highlight **Register** and press SELECT

3. The Prophesy application registers with the server. If any loads are downloaded to the phone an audio alert is played to inform the driver that he has received one new load. Press OK on the **Information** screen (See figure 1). Press OK on the subsequent **Information** screen.

4. The **Prophesy Menu** appears (See figure 2). Steps 5-12 will guide you through a step-by-step overview of the menus and screens in the application as they appear when a load has been dispatched to the phone

   *** In steps 5-12, note that load-oriented information only applies to TrackerPLUS and TrackerDispatch.**

5. Highlight the **My Loads** menu option and press SELECT. The **Load List** screen appears. Highlight the Unopened Load and press the OPEN button. The **Load List** screen displays the **Load Summary** (See figure 3).

6. Highlight the Load and press the SELECT button. The **Trip Details** screen appears (See figure 4).

7. Highlight the LD Details menu item and press the SELECT button. The **Load Details** screen appears (See figure 5). Scroll down by pushing the down arrow on the 4-way select button on your phone. Note the Load Detail information that is displayed. When you are finished, select the BACK button. The **Trip Details** screen reappears (See figure 4).

8. Scroll down to the first stop on the trip (S1) and press the SELECT button. The **Stop** screen appears (See figure 6). Scroll down by pushing the down arrow on the 4-way select button on your phone. Note the detailed Stop information that is displayed. As you scroll down notice that the label over the right soft button changes to CHANGE when you highlight a menu item that accesses or accepts data entry. When you are finished, select the BACK button. The **Trip details** screen reappears (See figure 4).

9. Press the BACK button. You are returned to the **Load List** screen (See figure 3).

10. Press the OPTIONS button. The **Choose Option** screen appears (See figure 7). Glance at the menu options and then highlight Menu and press SELECT. You are returned to the **Prophesy Menu** – where we started (See figure 2).

11. Highlight the GPS Monitor menu item and press SELECT. The **GPS Monitor** screen appears (see figure 8). Press the MENU button to return to the Prophesy Menu.

12. Congratulations! You've just completed a quick overview of the menus and screens in the Prophesy Mobile Comm application.

Figure 1.

Figure 2.

Figure 3.

Figure 4.

Figure 5.

Figure 6.

Figure 7.

Figure 8.

Receiving Information on the Phone

(TrackerPLUS and TrackerDispatch only)

Receiving data sent from the dispatcher to the phone can be is as easy as powering on your phone and starting the Prophesy Mobile Comm application. Note that while the Prophesy application is transferring data to/from the Prophesy server, other services are blocked until the transfer is complete.

Receiving Information on the Phone when it Powers-on

When the phone is turned on and the Prophesy application is first started, the phone will establish a connection with the data server and receive any information waiting to be downloaded from the dispatcher. If cellular network coverage is unavailable, the Prophesy application will start and allow the user to work in an "offline" mode. The phone will continue to attempt to connect with the data server at regular intervals until successful, at which time will receive information waiting to be downloaded.

*** Note that while you are working offline, the phone continues to gather GPS information and then stores and forwards the information to the dispatcher as soon as the phone is in range of cellular service.**

▶ **To receive information sent from the dispatcher to your phone when you power-on:**

1. Power on your phone. Press the MENU button, then scroll to and select **Java Apps**. Press SELECT.
2. Scroll to **Prophesy**. Press RUN. The Prophesy Mobile Comm application starts. If this is the first time you are stating the Prophesy application, you will need to enter a registration number and authorization code (See chapter 3, subsection *First Time Startup* for more).
3. The Prophesy application registers with the server and checks for new information sent from the dispatcher. If there is new and/or updated information to be sent to your phone, the Prophesy application downloads it and displays a summary of the download. When prompted, press OK to accept the downloaded data. (Note: If there is no new information to be downloaded, you are forwarded to the **Information** screen. Press OK.)
4. The **Prophesy Menu** appears (See figure 9).

**** Note: for a detailed breakdown of screens, menu items, and information displayed on your phone, see chapter 4 *Looking Around*.**

Figure 9.

Receiving Information on the Phone at Regular Intervals

The Prophesy Mobile Comm application will check for new and/or updated information from the dispatcher at regular intervals. The interval period is configured by your Mobile Comm administrator and can be easily changed (See above *Connection Configuration*).

▶ **To receive information sent from the dispatcher to your phone at regular intervals:**

1. If you have not already done so, power-on your phone (See *Receiving Information on the Device when it Powers-On* above). For best results and to improve cellular transmission Prophesy recommends that your

phone stays charged at all times and the handset is placed in a safe area where it is likely to obtain a strong cellular signal – on the dashboard of the vehicle, for example, or in a handset cradle mounted in the interior of the vehicle.

2. Your phone will automatically receive new and/or updated information from the dispatcher after each elapsed interval.

**** Note: for a detailed breakdown of screens, menu items, and information displayed on your phone, see chapter 4 *Looking Around*.**

Entering Information on the Phone

(TrackerPLUS and TrackerDispatch only)

There are several fields in the Mobile Comm application that accept data entry. This information is stored on the device and then sent back to the dispatcher. For example, a driver can enter the actual date and time he arrives and departs at a stop. He may want to enter BOL or POD information, or enter actual quantities of goods.

Fields that accept data entry can be identified by a data entry line appended to the menu item (See figure 10). When you scroll to and highlight a data entry field, the right soft button displays as CHANGE (See figure 10).

Data is entered in different formats depending on the field you are editing. For example, Actual Arrival Time accepts data differently then BOL.

Data Entry: Date Fields

Date fields provide an easy-to-use data entry interface for entering dates.

▶ **To enter the date in a data entry field:**

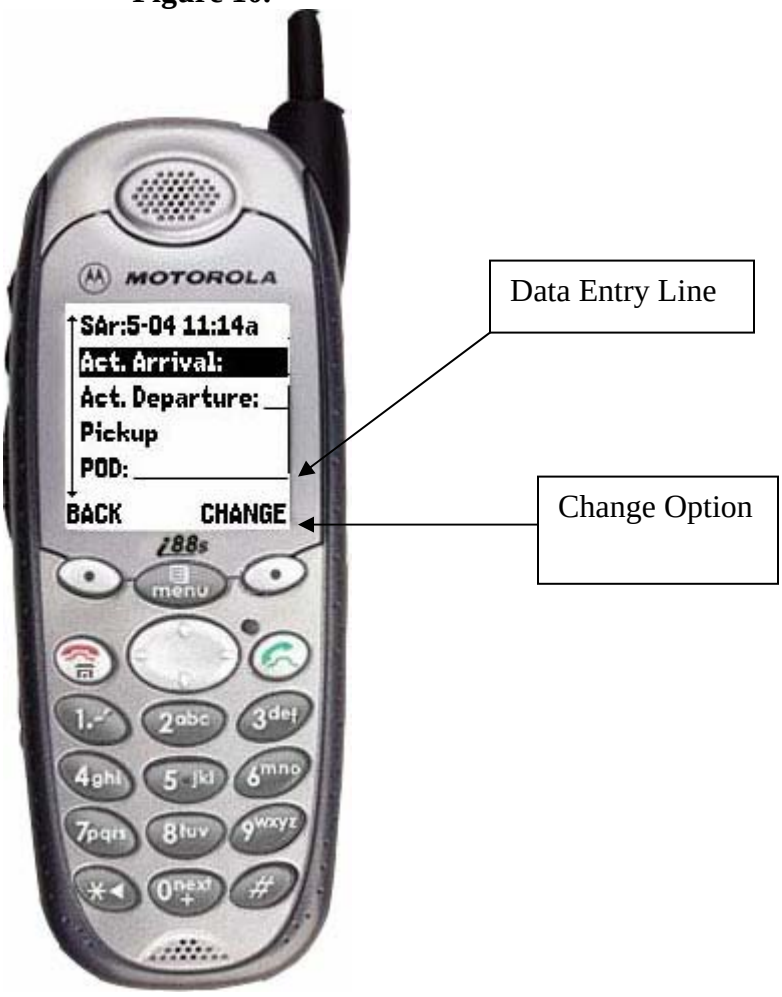
1. From within the Prophesy application, navigate to a Stop on a Load. Scroll down to the Act. Arrival____ field.
2. Press the CHANGE button. The Act. Arrival screen appears.
3. The entry field defaults to the current date and time. If this is the correct date and time of your arrival you are finished. Otherwise, use the keypad (optionally in conjunction with the 4-way select button) to set a new time and date.
4. Press NEXT, then SAVE.
5. The Actual Arrival time is saved to the data entry field and will be sent back to the dispatcher.

Data Entry: Alphanumeric Fields

▶ **To enter data in an alphanumeric field:**

1. From within the Prophesy application, navigate to a Stop on a Load. For this example, scroll down to the POD Notes____ field .
2. Press the CHANGE button. The POD Notes screen appears.
3. Select a letter or number on the keypad and press it repeatedly – fast. You will see the range of possible letters and numbers displayed on the screen. When you reach the desired letter or number, stop pressing the key. The character is displayed on the screen.
4. If you make a mistake, press the DELETE button to backspace.
5. When you are finished entering POD Notes, press NEXT, then SAVE.
6. The POD Notes are saved to the data entry field and will be sent back to the dispatcher.

Figure 10.



Sending Information from the Phone

As you will see in the steps outlined below, it is very easy to send information from the phone to the dispatcher. Note that while the Prophesy application is transferring data to/from the Prophesy server, other services are blocked until the transfer is complete.

Your phone sends 2 types of data to the dispatcher: GPS positions and User-Entered information.

Sending GPS Positions from the Phone to the Dispatcher

GPS data is automatically collected and stored on your phone according to configurable parameters set by your Mobile Comm administrator. Your phone sends GPS data to the dispatcher in two ways: Automatically or Driver-Initiated.

▶ **To send GPS positions from the phone to the dispatcher automatically:**

1. Your phone automatically sends GPS data to the dispatcher based on a time interval. This interval is calculated based on parameters set by your Mobile Comm administrator (See above *Changing Interval Parameters* for more).

▶ **To send GPS positions from the phone to the dispatcher, Driver-Initiated:**

1. You can force the transmission of stored GPS data from your phone to the dispatcher by navigating to the **Options** menu, highlighting the **Connect** menu item, and pressing SELECT (See figure 11). After you press SELECT, refrain from pushing any additional buttons on the phone until the operation has completed. You will know when the operation has completed because you will be returned to the previously displayed screen.

Figure 11.

Sending User-Entered Data from the Phone to the Dispatcher

(TrackerPLUS and TrackerDispatch only)

There are several fields in the Mobile Comm application that can accept input from the driver. The information entered in these fields is stored on the phone and sent to the dispatcher based on a time interval. Your phone sends User-Entered data to the dispatcher in two ways: Automatically or Driver-Initiated.

▶ **To send User-Entered data from the phone to the dispatcher automatically:**

1. Your phone automatically sends User-Entered data to the dispatcher based on a time interval. This interval is calculated based on parameters set by your Mobile Comm administrator.

▶ **To send User-Entered data from the phone to the dispatcher, Driver-Initiated:**

1. You can force the transmission of stored User-Entered data from your phone to the dispatcher by navigating to the **Options** menu, highlighting the **Connect** menu item, and pressing SELECT (See figure 11). After you press SELECT, refrain from pushing any additional buttons on the phone until the operation has completed. You will know when the operation has completed because you will be returned to the previously displayed screen.

Initiating and Receiving Phone Calls on the Phone

Pausing the Mobile Comm Application to Make a Phone Call

If you need to make a phone call and you are currently running the Prophesy Mobile Comm application, you will need to suspend the application first. Note that while the Prophesy application is transferring data to/from the Prophesy server, other services are blocked until the transfer is complete.

*** Note that while you are making a call, the phone continues to gather GPS information and then stores and forwards the information to the Dispatcher with its next server session.**

▶ **To pause the Prophesy Mobile Comm application to make a phone call:**

1. Locate the red "end-call" button located to the left of the 4-way select button and press it twice (See figure 12). The phone returns to the Nextel® home screen. Make the phone call(s).
2. When you are finished making phone calls and want to return to the Prophesy Mobile Comm application, press the MENU button (see figure 12), then highlight **Java Apps,** press SELECT and then RESUME. You are returned to the Prophesy Mobile Comm application.

Figure 12.

Receiving an Incoming Call on Your Phone while the Mobile Comm Application is Running

You can receive incoming calls on your phone while the Prophesy Mobile Comm application is running. The application will go into a suspended mode. Note that while the Prophesy application is transferring data to/from the Prophesy server, other services are blocked until the transfer is complete.

* **Note that while the application is suspended, the phone continues to gather GPS information and then stores and forwards the information to the Dispatcher with its next server session.**

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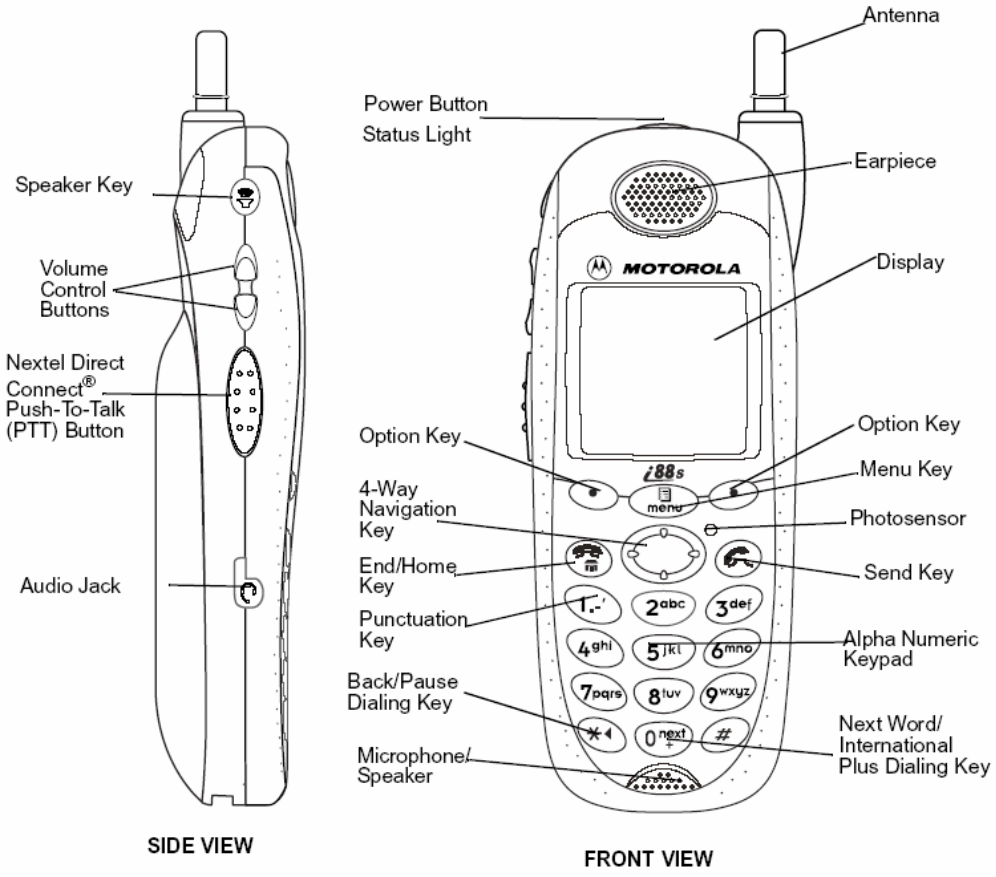
▶ **To receive an incoming call on your phone while the Mobile Comm application is running:**

1. When the phone rings, press YES to accept the incoming call. When your call has ended, press the MENU button (see figure 12), then highlight **Java Apps,** press SELECT, and then RESUME. You are returned to the Mobile Comm application.

i88s

i88s Phone Features



Prophesy Mobile Comm
Customer Handset Registration

Date:
Company Name:
Primary Contact Person:
Phone:
Nextel Account BAN (Billing Account Number):

In the table below please enter:
1. The model number of the phone.
2. The 10-digit phone number.
3. The firmware (operating system) version for each phone. To view firmware version on the phone:
   a) In a quick sequence, press #, *, Menu, and Right Arrow on your phone's keypad to pull up the **Trace Mode** menu.
   b) Scroll to and SELECT **Unit Info.**
   c) Scroll to and SELECT **Software**. Record the Software Version. This number usually begins with R and takes the form R88.02.00 or something similar.

Model Number	10 Digit Phone Number	Firmware Version